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OKC 6114
Copy of 4
6 January 1964

MEMORANDUM FOR THE RECORD

SUBJECT: Trip Report - Lockheed Aircraft Corporation,
Burbank, California

25X1A 1. On 20 December 1963 and 27 December 1963, the undersigned met with [redacted] at Lockheed Aircraft Corporation, Burbank, California. Purpose of the meetings were:

a. To acquaint Lockheed personnel with our need for fuel consumption data for mission plan purposes, in a format that will be more workable.

b. To learn the effects of non-standard temperatures on aircraft performance; namely, fuel flow, mach, TAS, altitude.

c. To determine, if possible, a method of sustained cruise that may be utilized and the pilot's reaction to the effects of a changing outside air temperature.

25X1A 2. The meetings were productive in that attention was focused on the complex problem of the effects of non-standard temperatures. The attached is a study by [redacted], but it offers no definite solution to the problem. It was generally agreed that no definite conclusion could be reached until flight test data becomes available for study.

3. I firmly believe that a meeting to determine methods of computer fuel consumption determination would be non-productive at this time. I propose, instead, to work with the Automation Staff, OSA, in setting up a computer fuel program. Using time as the basic input, all the possible variables mentioned above may (or may not) resolve themselves to time.

DOCUMENT NO. 170
NO CHANGE IN CLASS.
DECLASSIFIED
CLASS. CHANGED TO: TS S C 7612
NEXT REVIEW DATE:
AUTH: HR 70-2
DATE: 160229

25X1A [redacted]

Major USAF
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This document contains information
relating to Project Gemini

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Approved For Release 2002/09/04 : CIA-RDP81B00879R001000120178-6

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